Title

System and Method for Video-Based Online Interview Training

Cross Reference to Related Application

[0001] This application claims the priority benefit from U.S. Provisional Patent Application No. 60/411,711, filed on September 19, 2002.

[0002] This application is also related to my previously filed U.S. Patent Application No. 10/314,625 filed on December 10, 2002 and international application with No. PCT/IB02/05045 filed on 02 December 2002.

Specifications & Descriptions

Field of The Invention

[0003] The presented invention are combination of realities that using the VRP technology described in my US Patent Application with a serial No. 10/314,625 filed on December 10, 2002 and international application with No. PCT/IB02/05045 filed on 02 December 2002. It relates to the video-based online interview training. Specially this invention is related to a system and method for the user to take an instant training, book a training, take an interview, record the interview results and ask for specific service from the experts. The system can let the owner to manage the user's account, the pre-recorded video (question video) database, the practice results reviewing and advising, the affiliates and commissions.

Background of The Invention

[0004] In modern society, interview is a very common social activity and is more and more important for us to prepare. However, there are not much tools or equipment for us to use. Normally we watch other people's interview in videotapes. We record our own answers with video recorder and then replay them. Sometime we ask our friends to watch and provide advices. All such methods are not convenient, not professional and not profitable. I experience such things during my interview preparation. The more practice for the interview, the more confidence to win the interview. There are a lot people need to practice their interview, such as the new graduates from schools or universities, the job-seekers, the immigrants, the immigration applicants, etc.

[0005] So with such real problems and real user groups, it is needed to have an integrated and convenient interview-training tool. This invention has met the requirements. It is an online, convenient and profitable integrated environment with professional service.

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[0006] With this invention, the user can just log in the system through the internet, establish and open an account, book the time for the practicing and then he can practice the interview, he can record the interview results in the database, he can also request advices for his training from experts, he can also take interview as booked through employers.

[0007] With this invention, the system owner can manage the pre-recorded video (question video) database, user account, practicing results and advising, the affiliates and commissions.

Summary of The Invention

[0008] So it is therefore an object of the present invention to provide a video-based interview training tool for the job seeker and a profitable tool for the human capital industry. This tool can also be used in other business applications as I mentioned in my related patent application;

[0009] It is a further object of the invention to provide a method to manage the users and their using history of the system. It also provides us a method for the administrator to manage the system;

[0010] It is an additional object of the invention to provide a new business method, which the business owner can collect money from customers for the service based on time. This method can be applied to any kind web sites or web services;

[0011] The presented invention also provides a method to let other web sites to have a link with this system. The owner or administrator of the system can manage the affiliates and their commissions;

[0012] The presented invention provides a method to let the user to register with the system. The user can select the using type of the system, such as taking an instant training, booking a training, taking a booked training, taking an interview for a specified employer and job position and view his using history. After finishing the use of the system, he can log out from the system;

[0013] When doing an interview training, the user can select the training video from the pre-recorded video database with industry and job title. He also can specify the training purpose and the payment method;

[0014] When booking an interview training, the user can choose the start time (day, hour, minute) and finish time (day, hour, minute), the industry title, job title, the purpose of the training and the payment method;

[0015] A further aspect of the invention is that this system comprising a pre-recorded video database of different question video clips. Such video clips are related with the industry title and job title.

[0016] This invention also comprising a response video database for storing the recorded answer video.

Specifications of The Invention

[0017] A system and method comprising: audio and video capture device on the client side, the web server, the video reality processing GUI, the pre-recorded video (questionnaire) database and recorded response video database, the user's account, login and booking system, the system management facility.

[0018] The system owner can create and manage the video questionnaire database. The system owner can manage the user's account. The owner can manage the commissions for the affiliates.

[0019] The user can create an account and log in the system. The user can book the time for the interview practice. The user can record the interview result to the response video database. The user can choose to have their answer be reviewed by human resource experts.

[0020] The user can take interview as booked through employer. The system can be affiliated with other website pages.

[0021] Figure 2 shows the brief architecture of the online interview training system.

[0022] Figure 1 shows the detail functions of the system. The first step is that the user (from the owner's homepage or from the affiliate's web page) to sign on and create his/her own account or login the system if he/she already has an account. Then he/she can choose the different functions for using the system, such as taking an instant training, taking a booked training, booking a training, taking an interview, viewing his using history. After that, he/she can log out from the system.

[0023] Figure 3 shows the architecture of the VRP (Interviewer/Interview Trainer). VRP means Video Reality Producer which I already included in my related patent applications. Figure 4 shows the simplified diagram of the system and process of VRP (Interview/Interview Trainer). The realities produced here in this invention are interviewer and interview trainer.

[0024] Figure 5 shows the functional model for the system administration. The first step is that the administrator log in the management system. Then he/she can manage the system through different queries, such as user, system usage, interview & interview training results processing, login history, video database, employer, and affiliates. Then he/she can log out from the system.

[0025] Figure 6. shows the simplified diagram of VRP(Interviewer/Interview Trainer) Presentation Interface.

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[0026] The system owner can add the sample answer database and the review & advice facility as optional functions as I mentioned in the provisional patent application upon requirements.

[0027] The system owner can also add real-time interview as optional function if he/she wanted.

Brief Description of the Drawings

[0028]Figure 1. Functional Model for Online Interview Training;

[0029]Figure 2. Online Interview Training System Architecture;

[0030]Figure 3. VRP (Interviewer/Interview Trainer) Architecture;

[0031]Figure 4. The Simplified Block Diagram of the System and Process of VRP(Interviewer/Interview Trainer);

[0032]Figure 5. Functional Model for System Administration;

[0033]Figure 6. Simplified Diagram of the VRP (Interviewer/Interview Trainer) Presentation Interface;

[0034]Figure 7. The Example Affiliate Page;

[0035]Figure 8. The User Login Page;

[0036]Figure 9. The Functional Control Interface;

[0037]Figure 9.1 The Functional Control Interface for Instant Training;

[0038]Figure 10. The Start Page of Instant Training;

[0039]Figure 11. The In-Process Page of Instant Training;

[0040]Figure 12. The Result Page of Completed Instant Training;

[0041]Figure 13. The Request Page for Processing Instant Training Result;

[0042]Figure 14. The Processing Result Page for The Instant Training Result;

[0043]Figure 15. The Book Training Page;

[0044]Figure 16. The Book Training Result Page;

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Detailed Description of The Invention

[0051] Figure 2 presents the architecture of the online interview training system. The core interview training logic is integrated with the database and appropriate server. The application presentation logic is displayed on the client side with audio video capture devices. The database contains pre-recorded (question) video, recorded response video, user information, using history, affiliates and commissions and booking information, etc.

[0052] Figure 1 presents the functional model for the online interview training. The customer or user can enter the system from the owner's site page or from the affiliate web page. If the user is from the affiliates' web page, the related affiliate information is recorded by the system. The affiliate account information is stored in a database separately. At the start point, the user can choose to login the system with his account name and password if he is already registered with the system. Otherwise, he can register with the signing on facility. When he signs on the system, he can specify his membership type, such as one month, two month, three month, half year, or one year. The basic user information is also recorded in the user database.

[0053] When the user login the system, the login time are recorded in the login database together with the user's information. Then the user can choose the using type with the function controls, such as taking instant training, taking booked training, taking interview, booking training, viewing using history and logging out. The selected using type, such as instant training, booked training and interview can be recorded in the login database. See figure 7,8,9,9.1.

[0054] If the user chooses to do instant Training, the instant training page will appear. The user can fill in the related industry, related job title, the training aim and the payment method in the form and then start the required training. The payment method can be: by credit card, by check or by cash on site. Such information is recorded in the instant training database. When he finishes the required training, the finishing time and related fee are also recorded in the instant training database. The time based fee policy is managed by the system administrator. The result of the instant training are displayed. Then the user can request to process the training result. He can choose to have the

training results to be sent to one, two or three companies. He can specify the delivery method. He can also ask Human Resource professional to review his training results. Finally he will get a confirmation page for his result process request. See figure 9,9.1,10,11,12,13,14.

[0055] If the user chooses to book a training, the book training page will appear. The user can choose the date(day and month), start time (day, hour, minute) and finish time (day, hour, minute), the relate industry title, relate job title, the purpose of the training and the payment method. The booking result can be present to him when finished. He can also get a confirmation code for this booking. See figure 15,16.

[0056] If the user chooses to start a booked training, he need to fill in the booking confirmation code in the booked training login page. Then he can start the booked training with the booked training interview questions which related with the industry and jobtitle. The procedure for processing the training results are similar to the instant training. See figure 17,18.

[0057] If the user chooses to take an interview, which is requested by a specific employer, he can fill in the requested information in the form in Figure 19. The he can get the interview questions and start his interview. See Figure 19,20.

[0058] The administrator can login the system for administration. He can do user name query in different database for getting user information and user related system information. He can also build and edit the pre-recorded video (question video) database. He can also view the recorded response video. See Figure 21,22.

[0059] Figure 9 and 9.1 are the basic functional control interface for the user to use the system. There are three frames. The left frame is control frame for displaying the function controls. The up-right frame is VRP frame for displaying the VRP(Interviewer/Interview Trainer). The lower-right frame is content frame for displaying the selected function form, such as Instant Training, Booked Training login, Take Interview, etc.

[0060] Figure 5 shows the functional model for the system administration. Figure 22 is the basic functional control interface for the administrator to administrate the system. There are two frames. The left frame is control frame for displaying the function controls. The right frame is content frame for displaying the selected function form, such as user manager, booking information, training and interview information, login history, pre-recorded video, response video, employer, review & advice, affiliate and logout.

[0061] Figure 3 shows the detail architecture of the invented VRP (interviewer /Interview Trainer). It includes audio/video capture devices, The VRP presentation interface, the pre-recorded video database and the response video database.

[0062] Figure 4 shows the detail steps of the process of the VRP system (interviewer/interview trainer). During the instant training, booked training and interview, when the user start the system with the related job title and related industry, the specific

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selected pre-recorded video (here is question video) database will be built. Then the user start to play. After playing one of the video clips in the selected host video database. The user starts to response this video clip. There is an optional function that the user can first show his response without recording. That means he can have a practice first. Then he records a response video. He can review the recorded response video. If he satisfied, he start to play the next video clip in the question video set, otherwise he deletes the recorded response video and start to record a new response video. When he finishes the play of all the video clips in the selected pre-recorded video database, he gets a specific response video set in the database. That's his training or interview result.

[0063] Figure 6 shows the VRP (interviewer/interview Trainer) presentation interface and function control panel (including different command buttons, such as play, next, practice (optional), record, review, delete and stop).